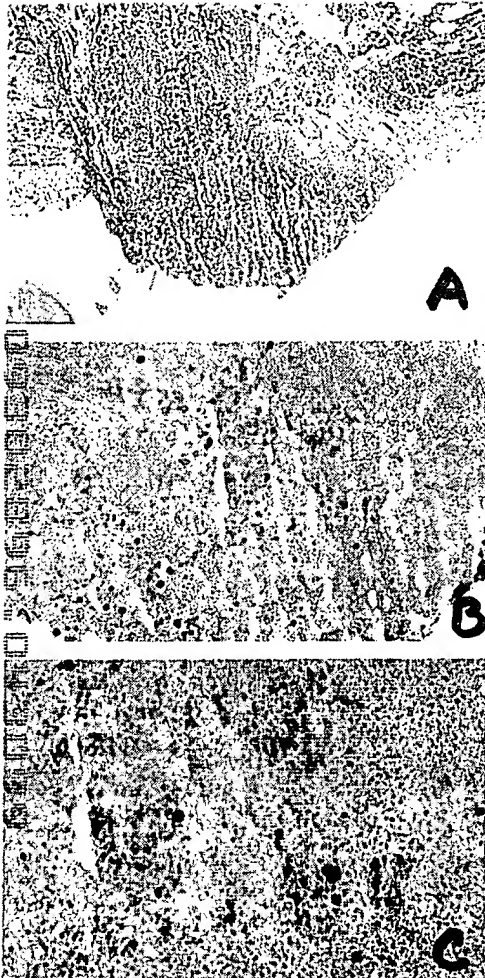
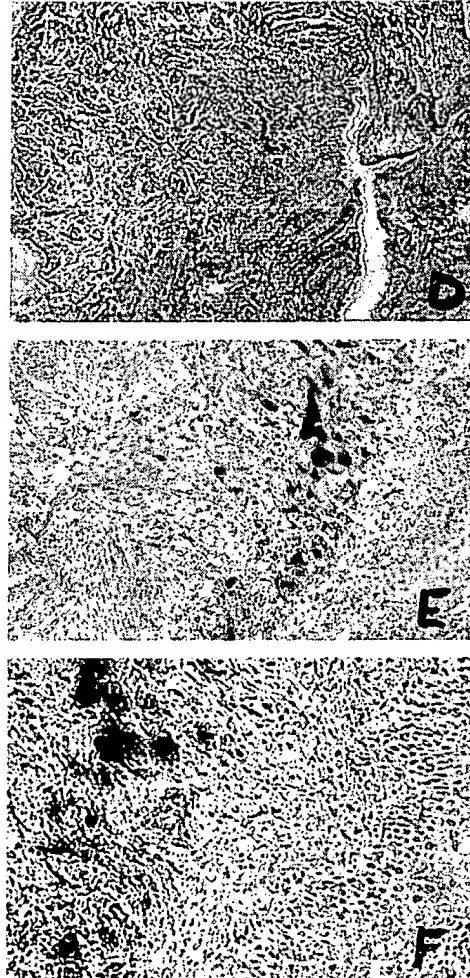


FIGS. 1A – 1I

FIGS. 1A – 1C



FIGS. 1D – 1F



FIGS. 1G – 1I

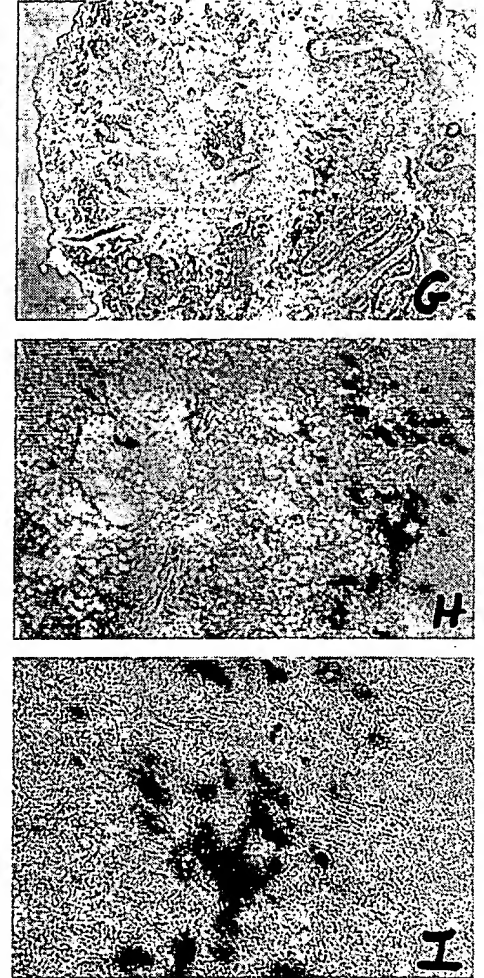
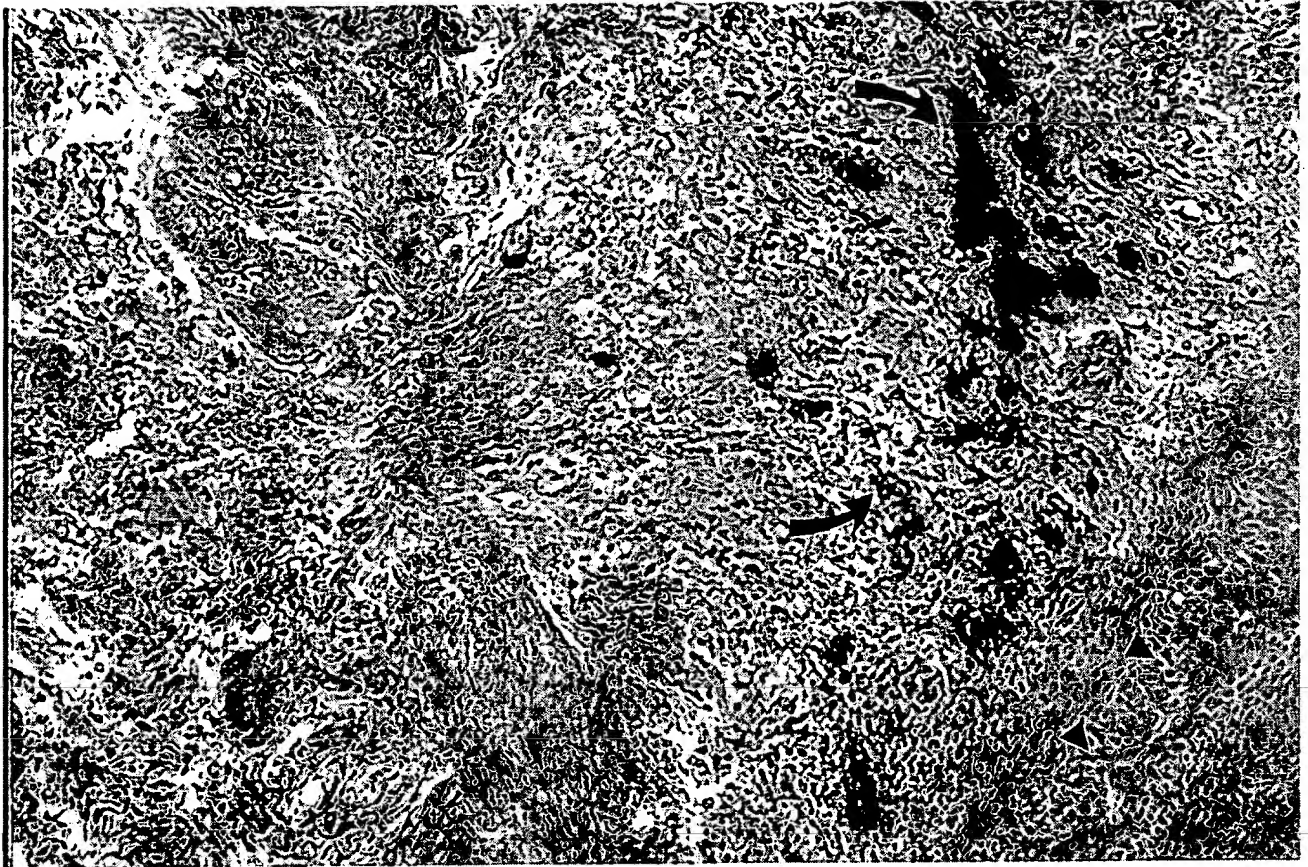
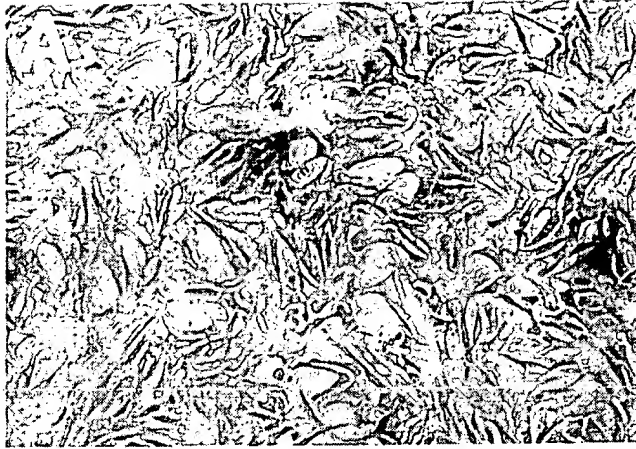


FIG. 2

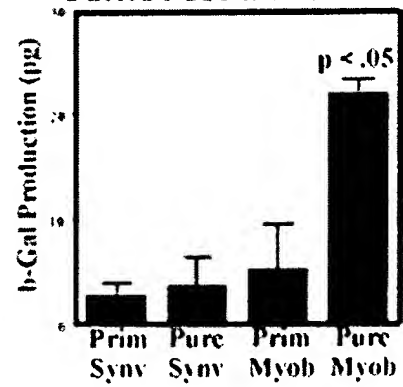


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FIGS. 3A – 3F

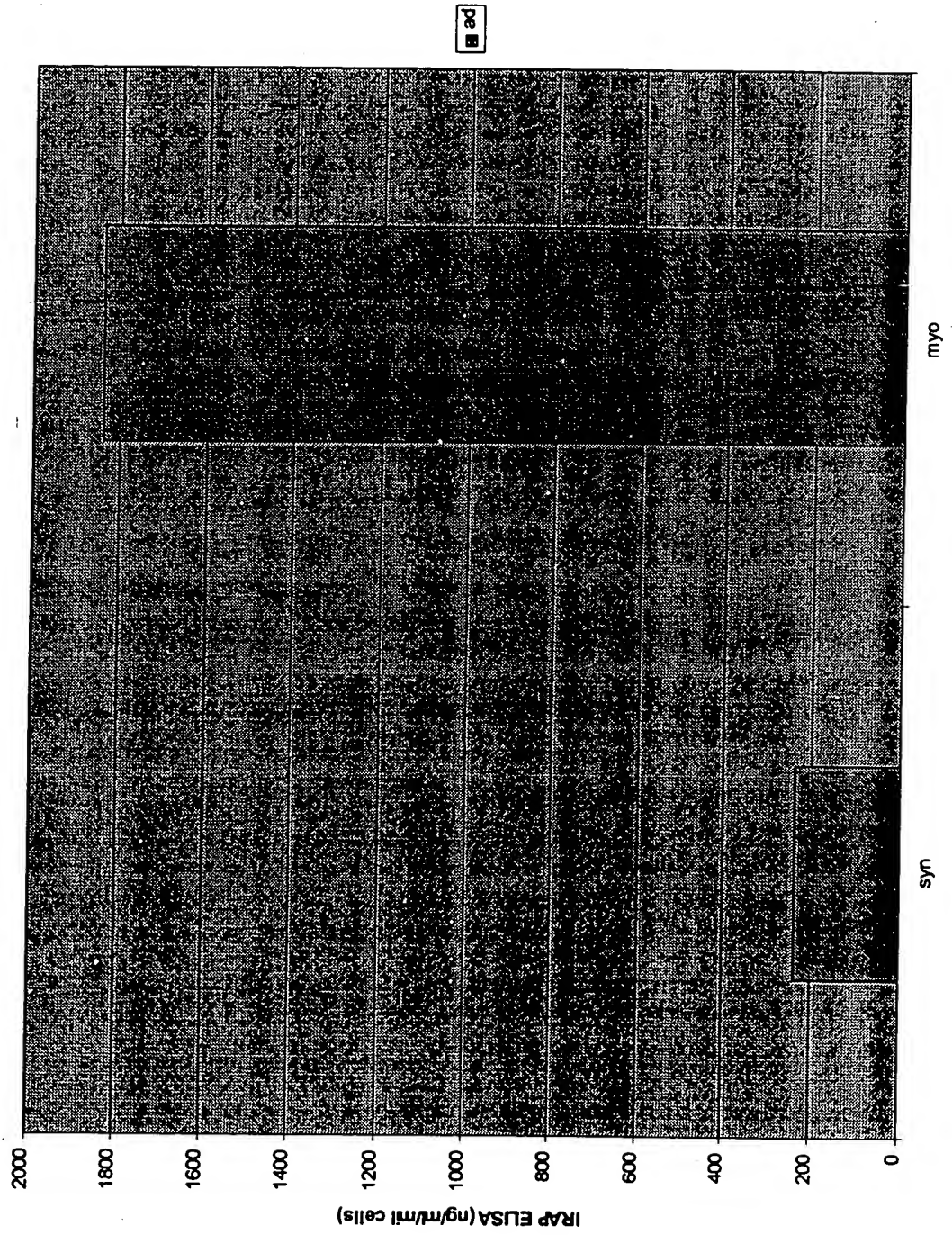


F TRANSDUCTION EFFICIENCY
IN VITRO WITH ADENOVIRUS,
2 DAYS POST INFECTION



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FIG. 4



FIGS. 5A - 5D



FIG. 5A

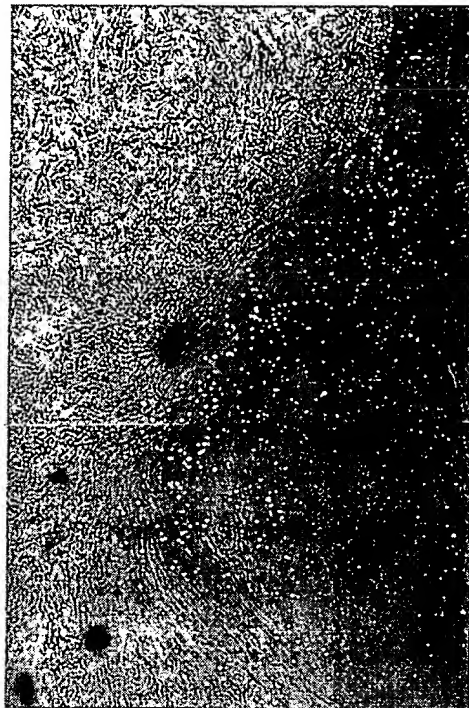


FIG. 5B



FIG. 5C



FIG. 5D

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FIGS. 6A - 6D

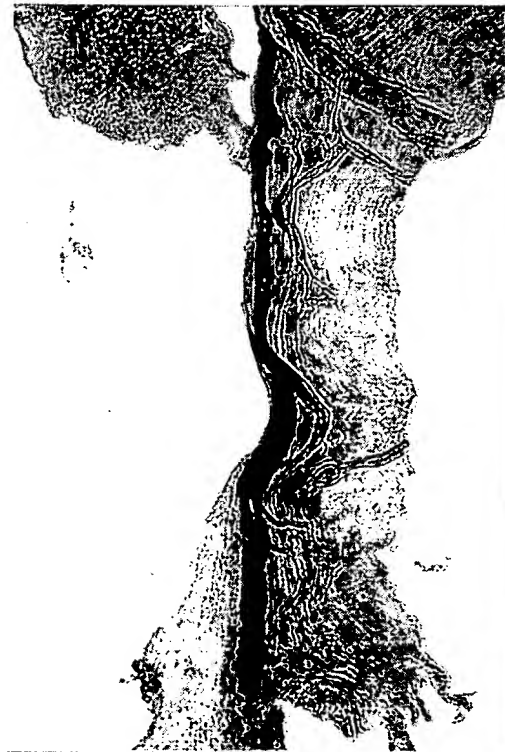


FIG. 6A



FIG. 6B



FIG. 6C

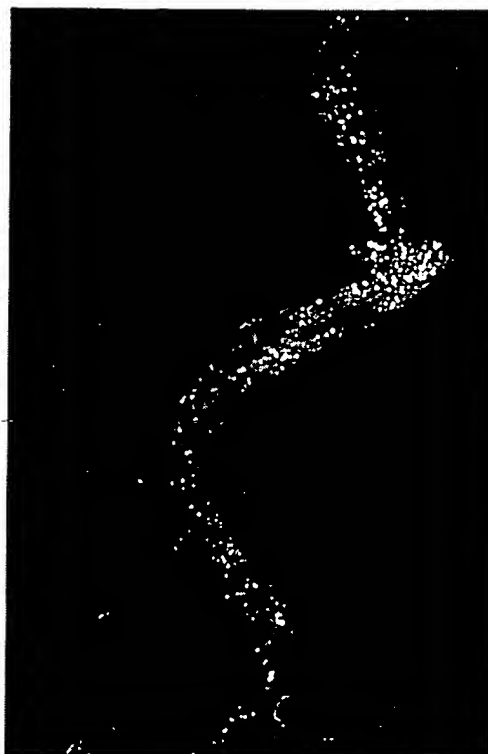


FIG. 6D

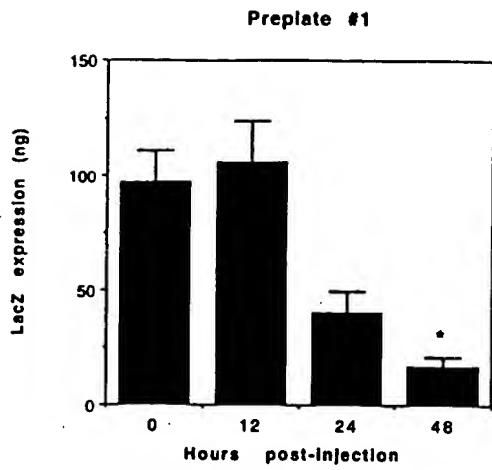


FIG. 7A

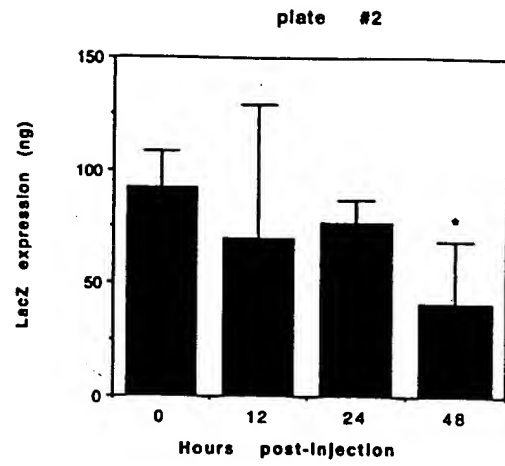


FIG. 7E

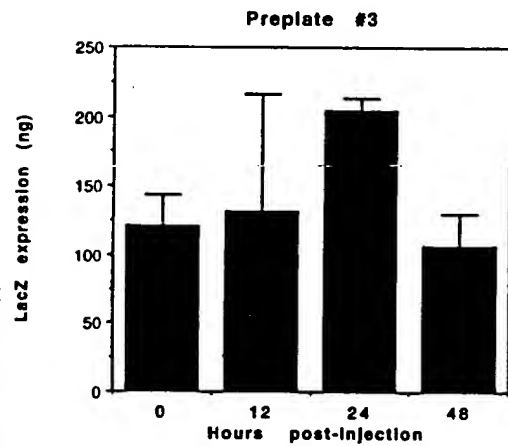


FIG. 7B

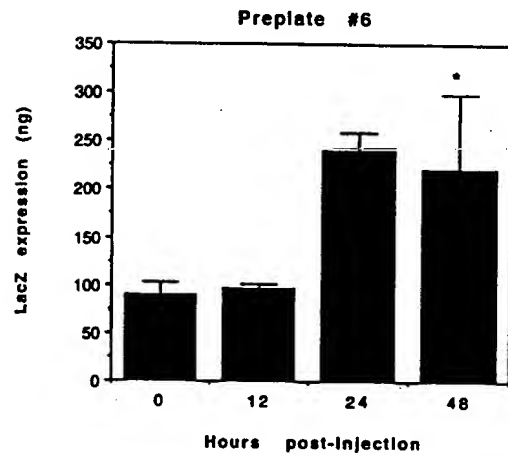


FIG. 7F

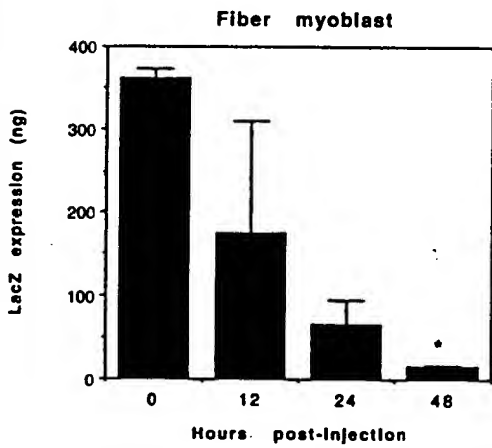


FIG. 7C

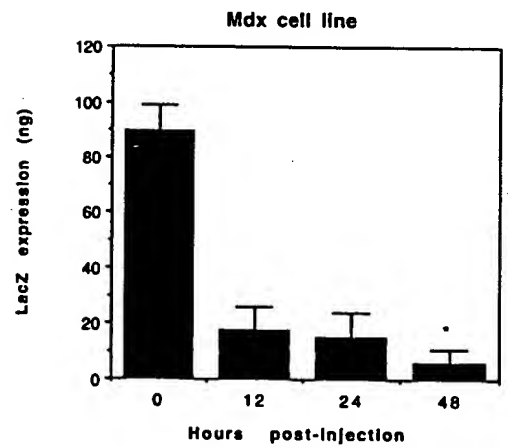


FIG. 7G

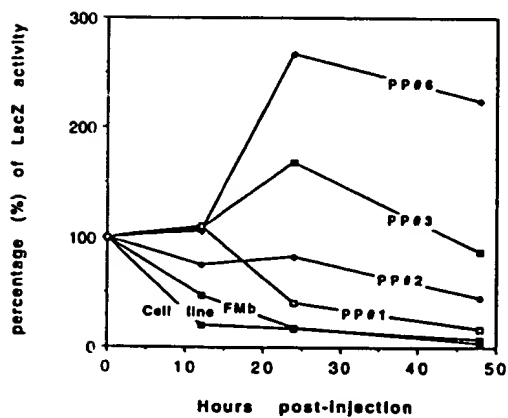


FIG. 7D

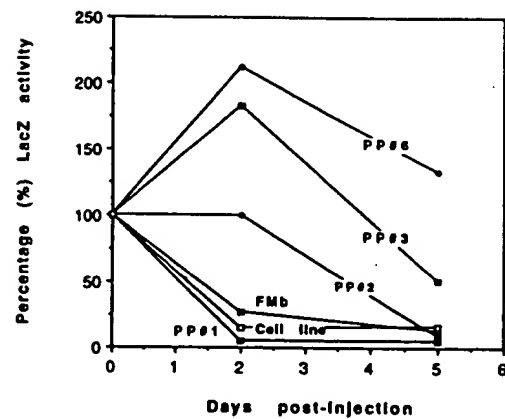


FIG. 7H

FIGS. 8A-8D

FIG. 8A

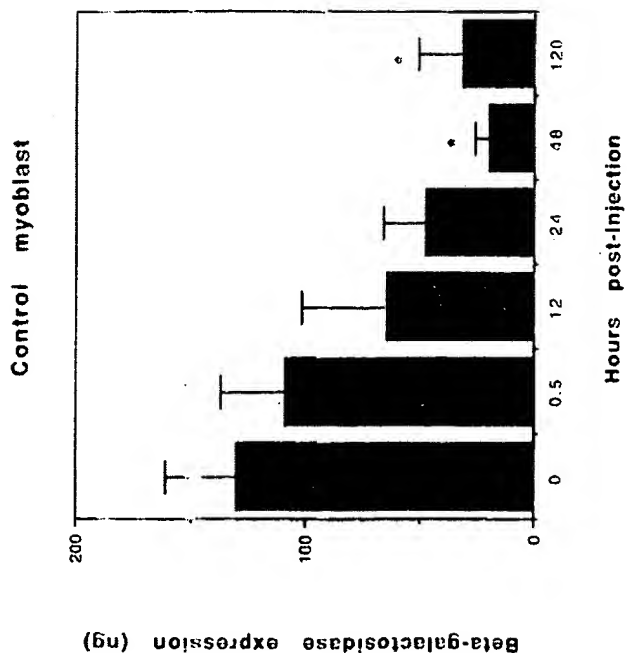


FIG. 8B

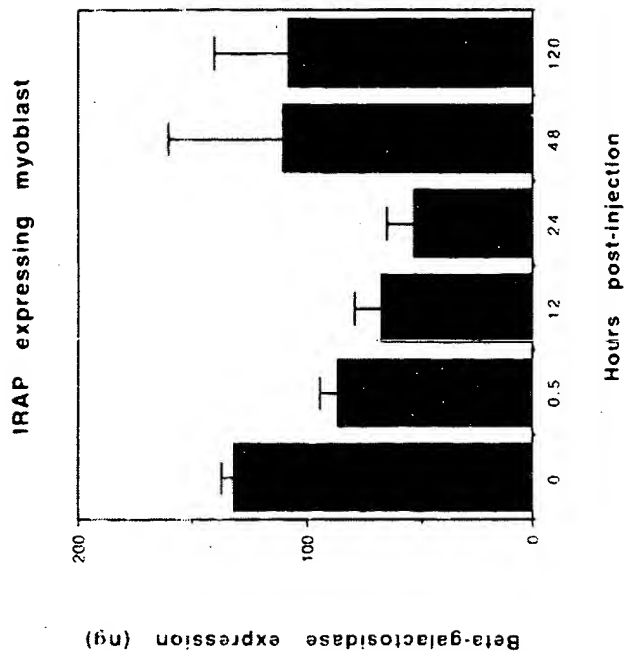


FIG. 8C



FIG. 8D

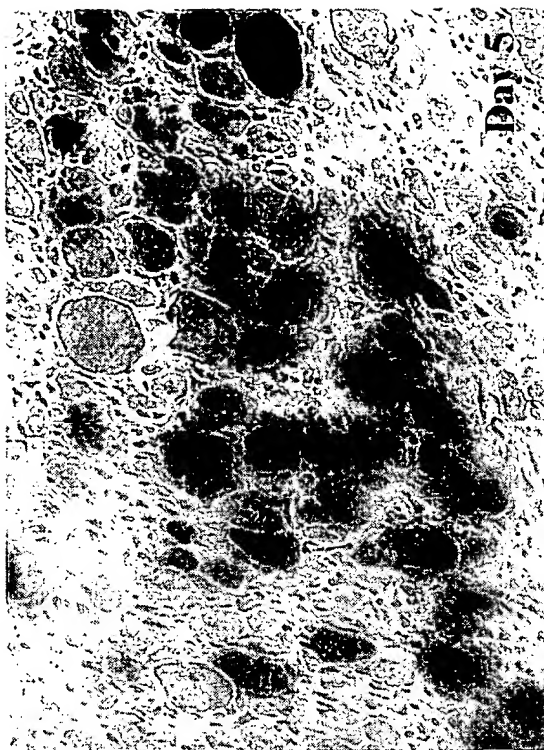


FIG. 9

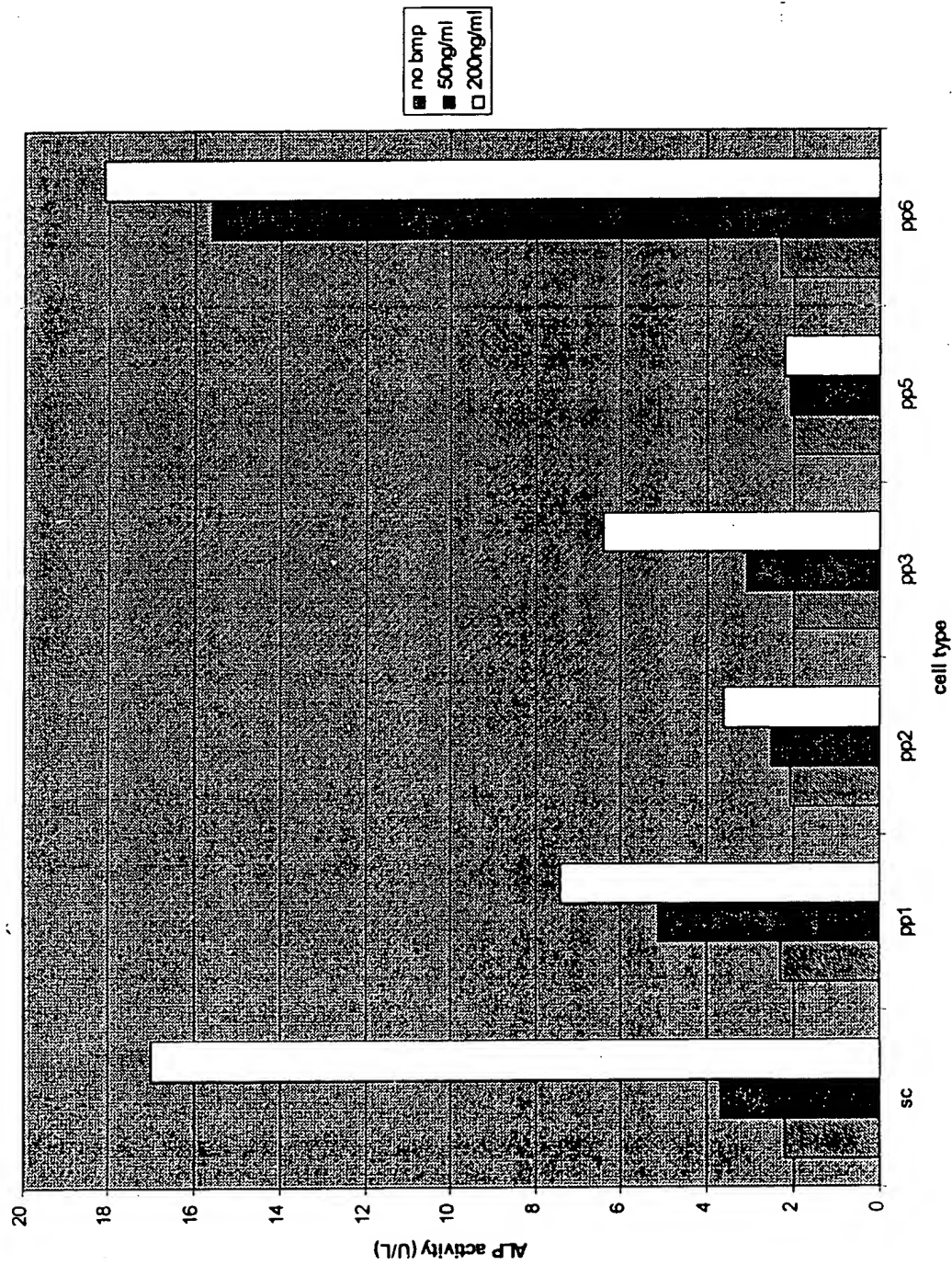
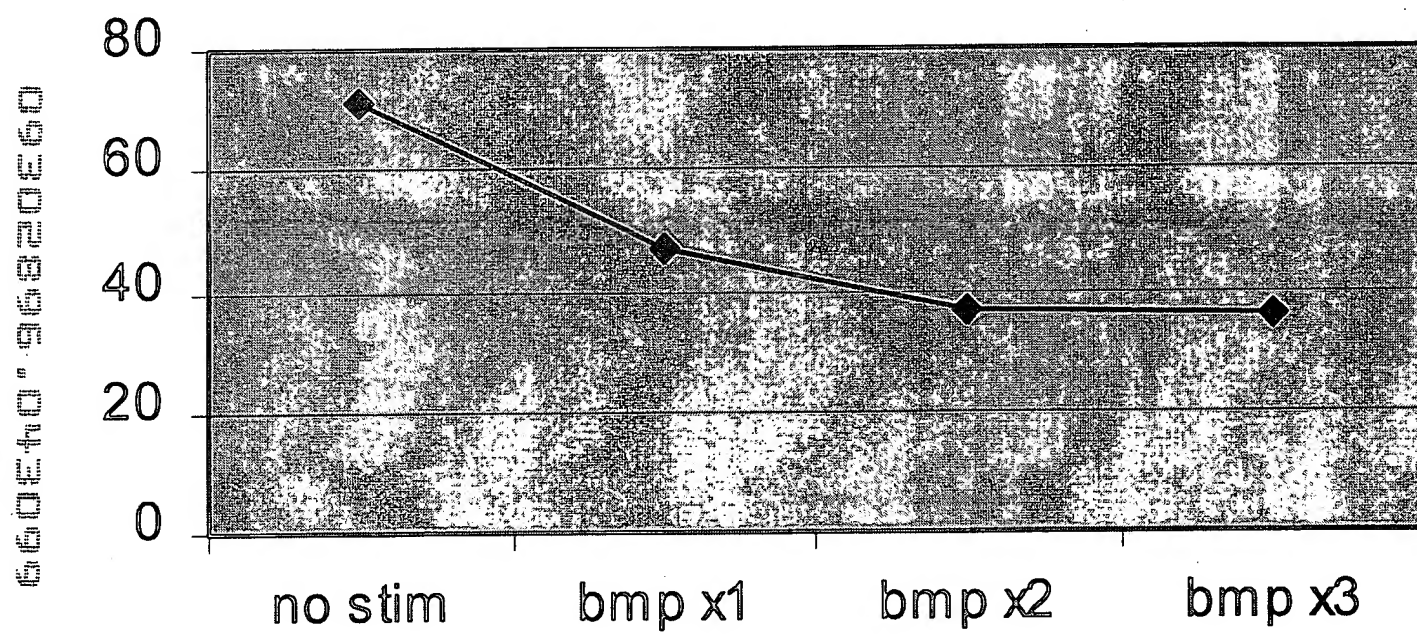
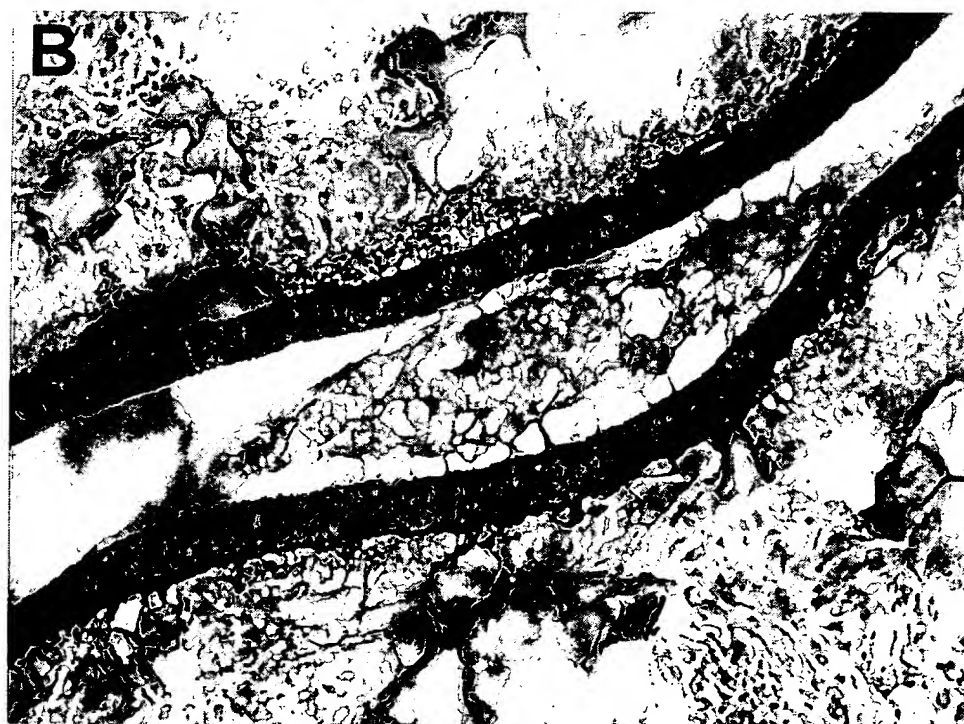


FIG. 10



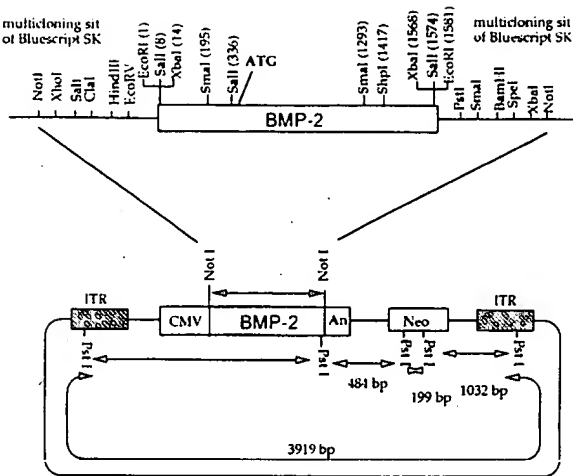
FIGS. 11A – 11B



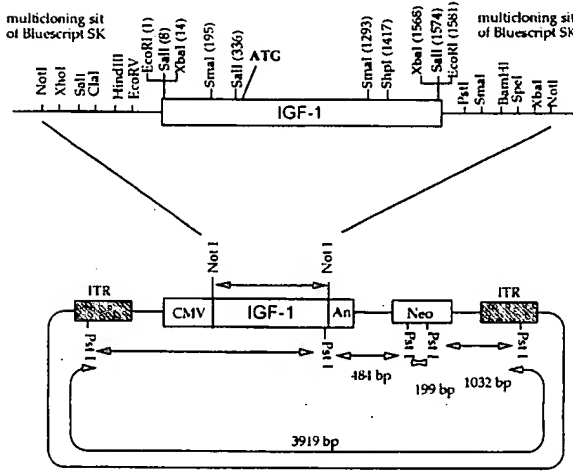
660E40" 96820E60

FIG. 12

BMP-2 in pXX-UF1



IGF-1 in pXX-UF1



VEGF in pXX-UF1

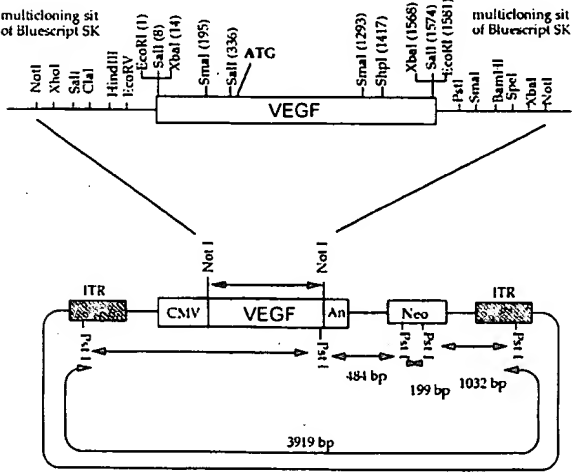
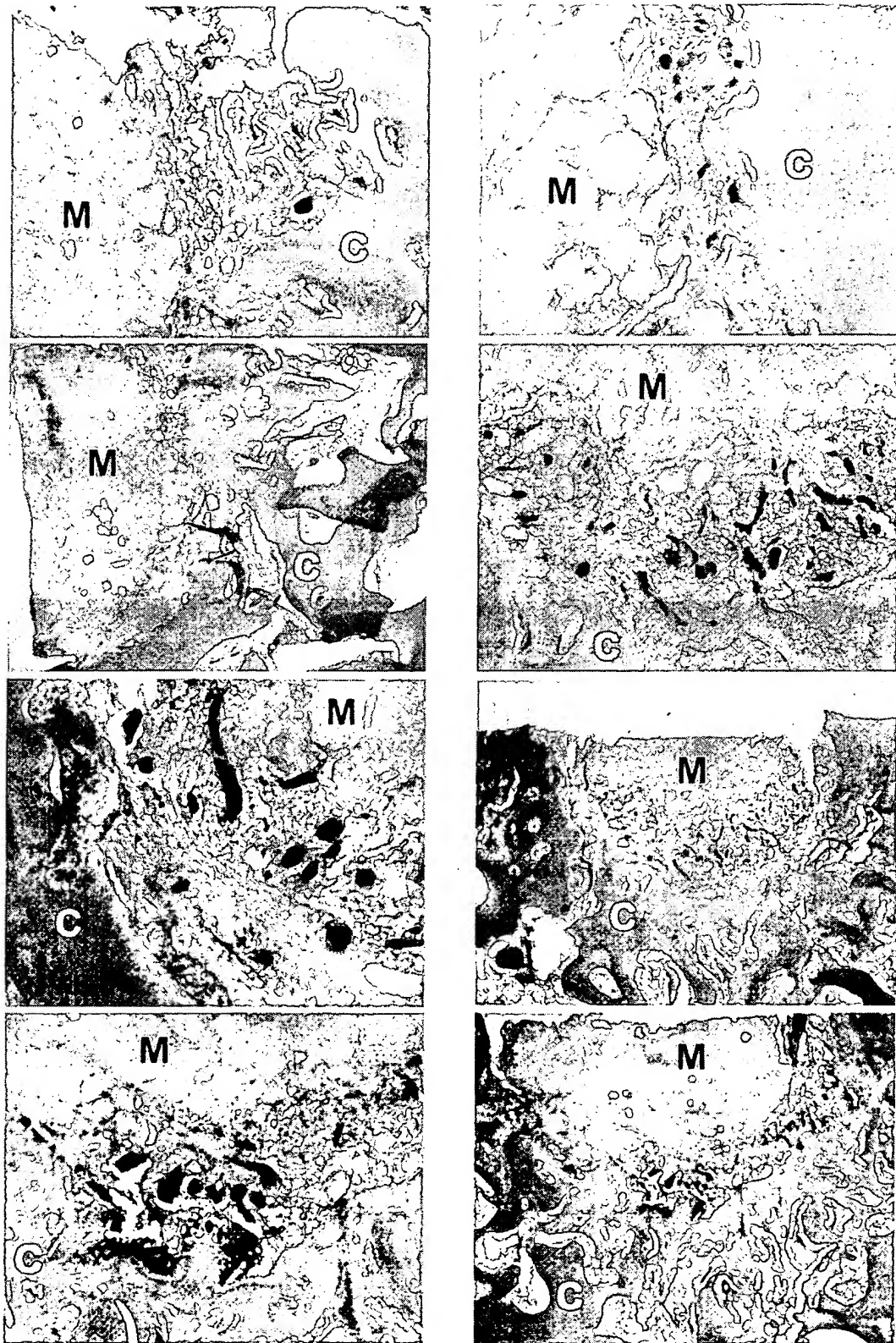


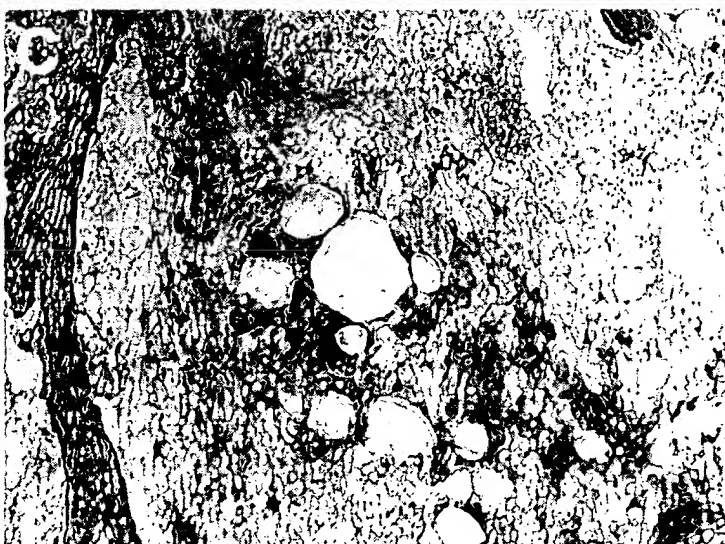
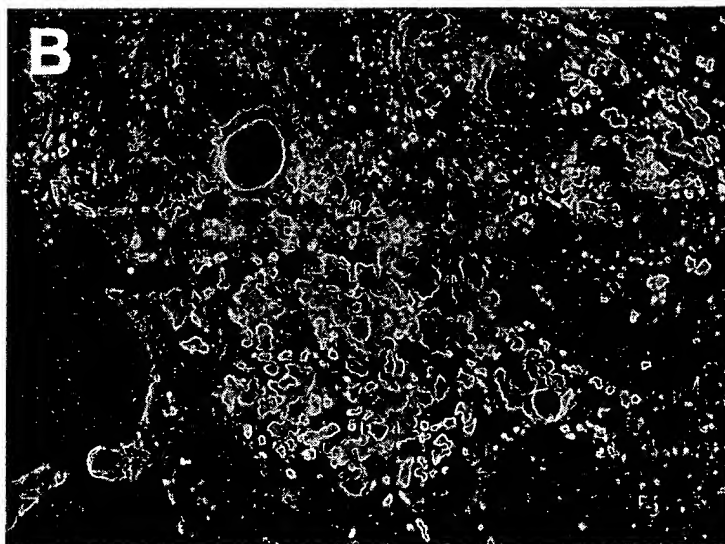
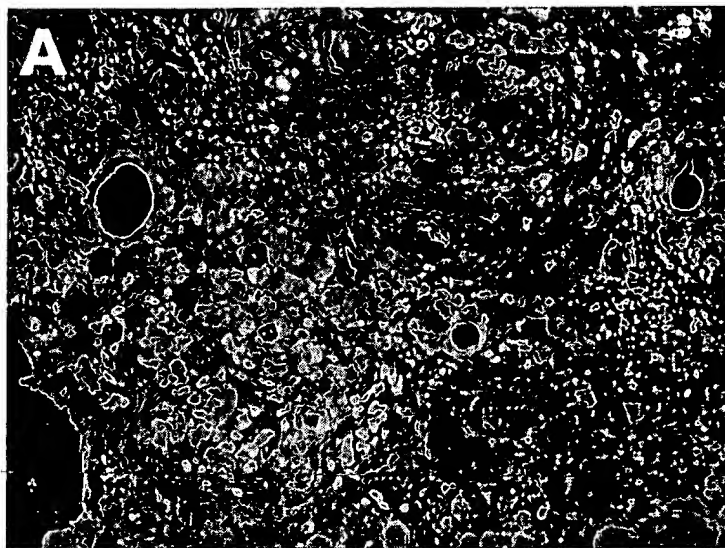
FIG. 13



M= Muscle C= Cartilage

09302896-043069

FIGS. 14A – 14C

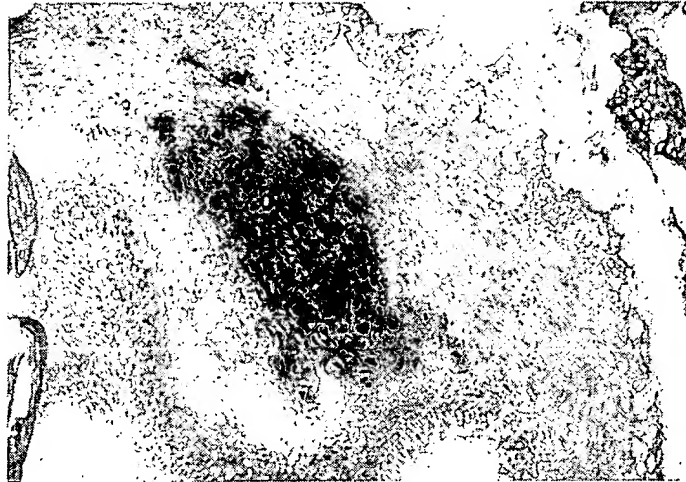


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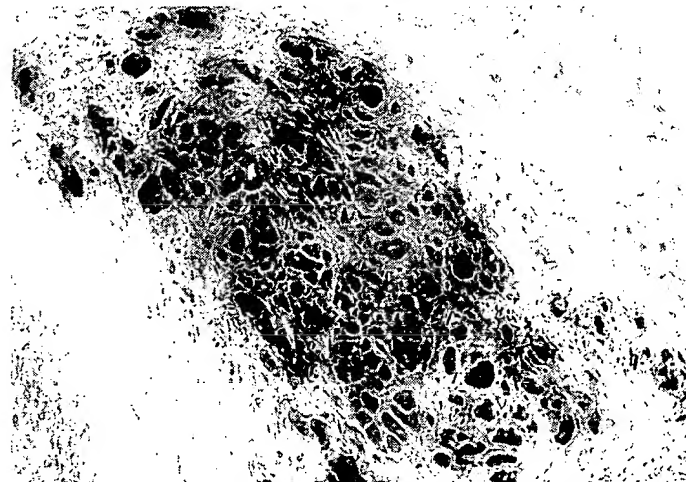
FIG. 15A

Bladder of SCID at 6 months post-injection

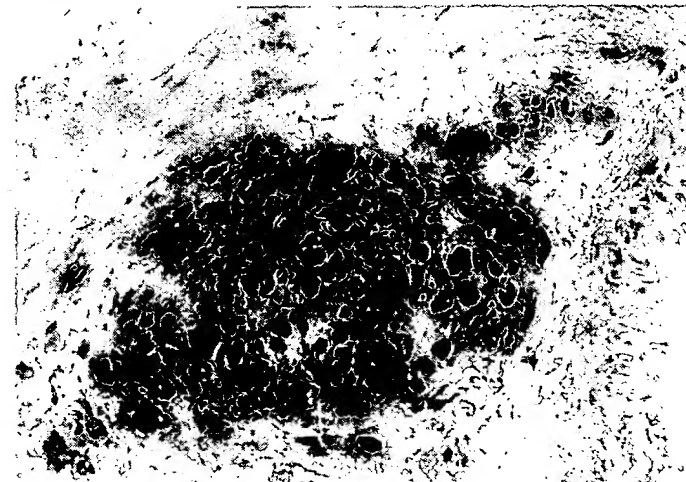
X 100



X 200



X 200



093020E60 96820E60

FIG. 15B

Assays for β -galactosidase Activities in the injected
bladder and urethra

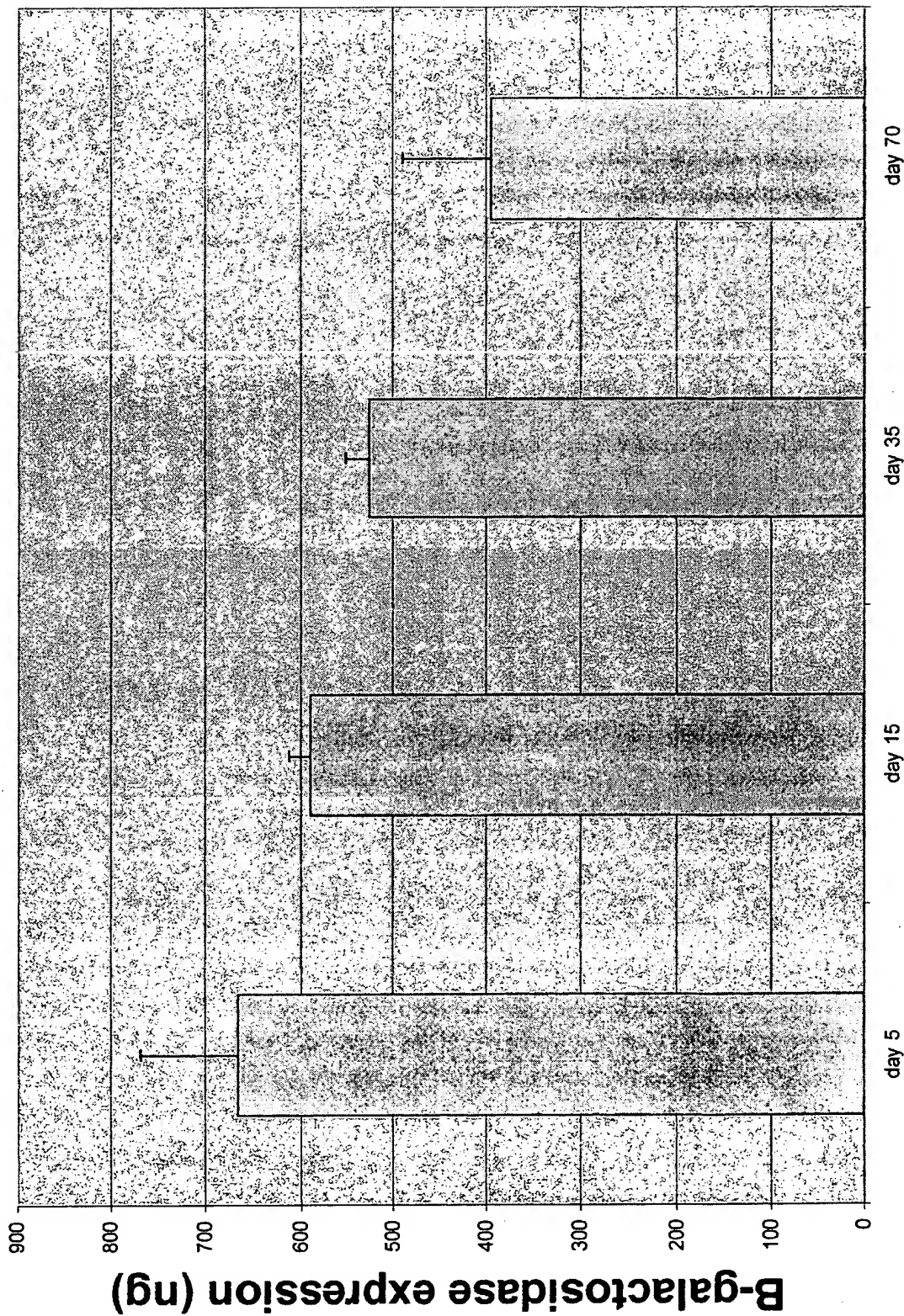
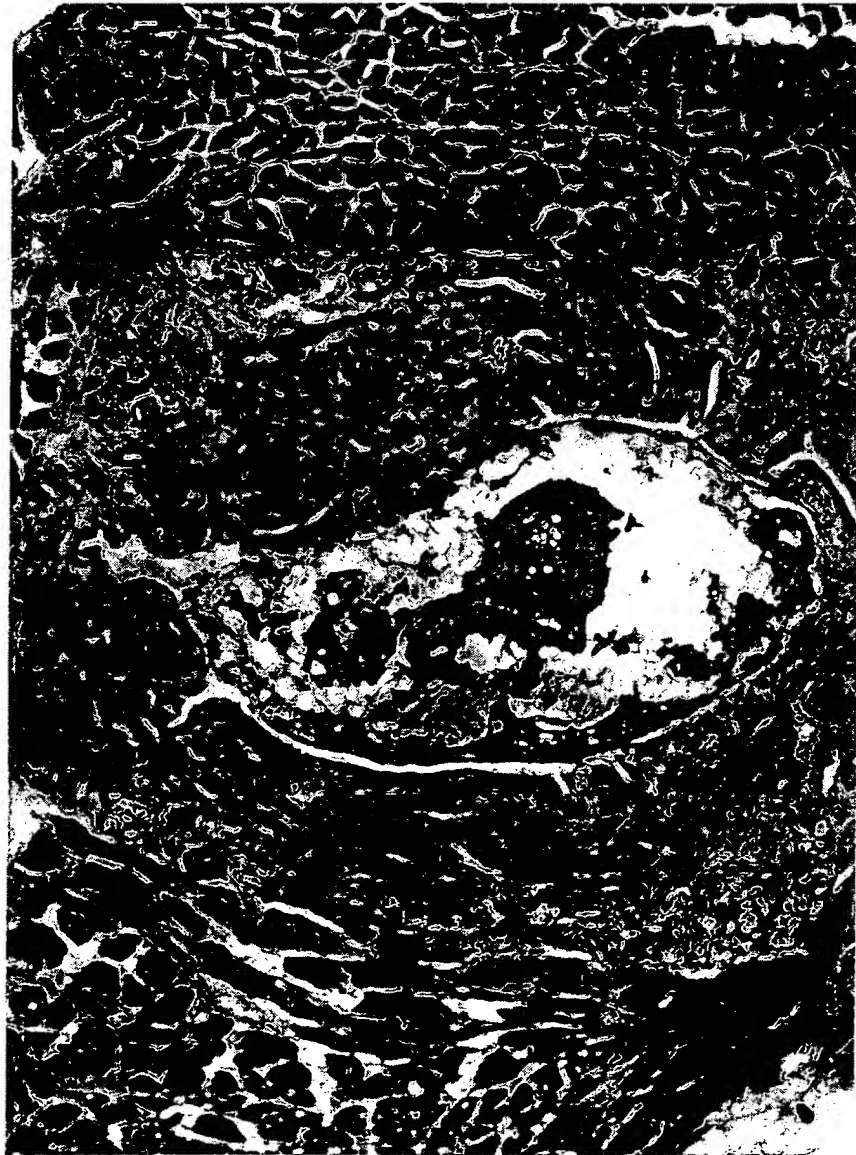


FIG. 15C



660E40" 96820E60